

D5010-041 HOOK INTERFACE ASSY

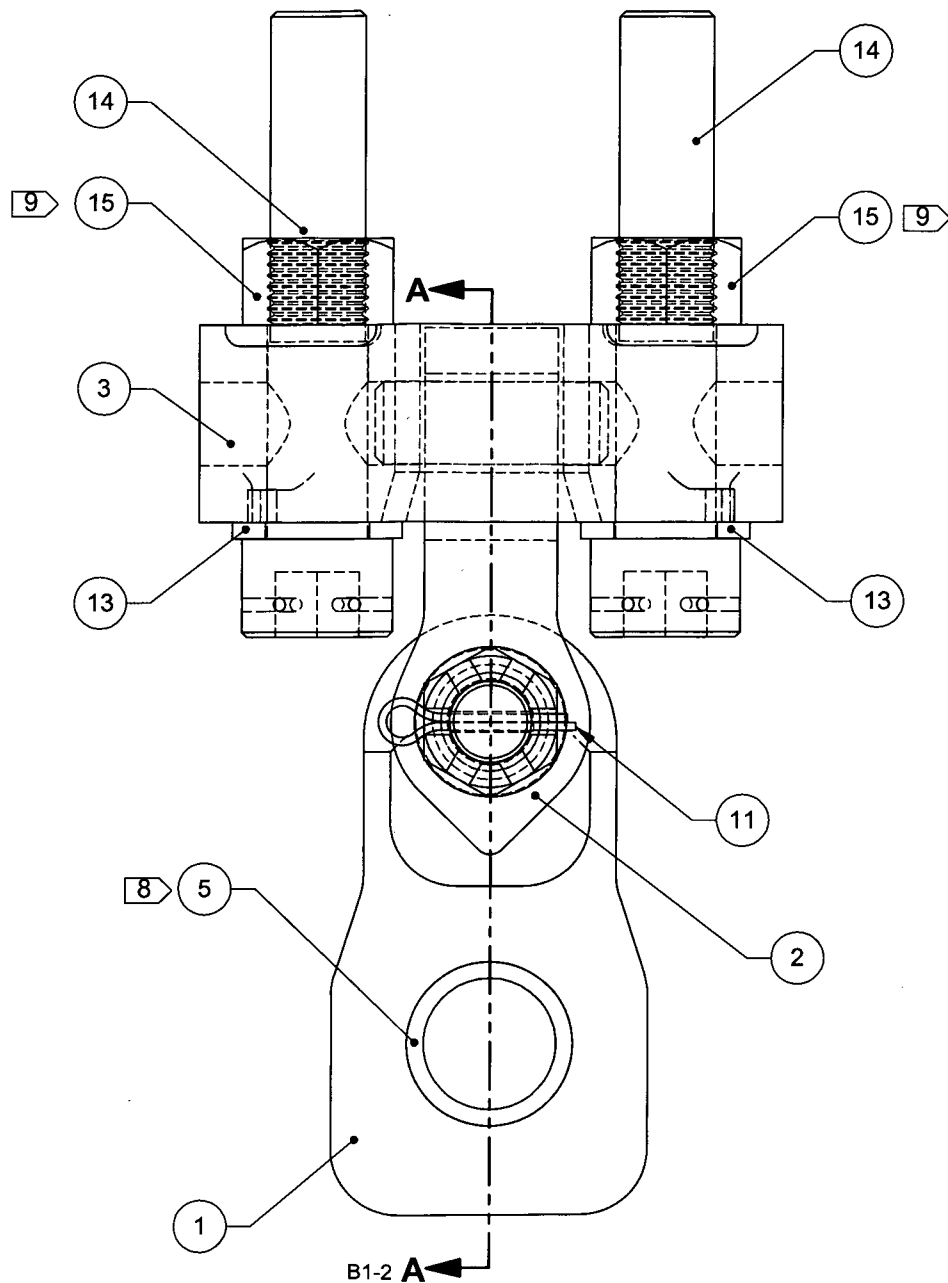
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2015 FEB 23  
ECN 15-523 *up*

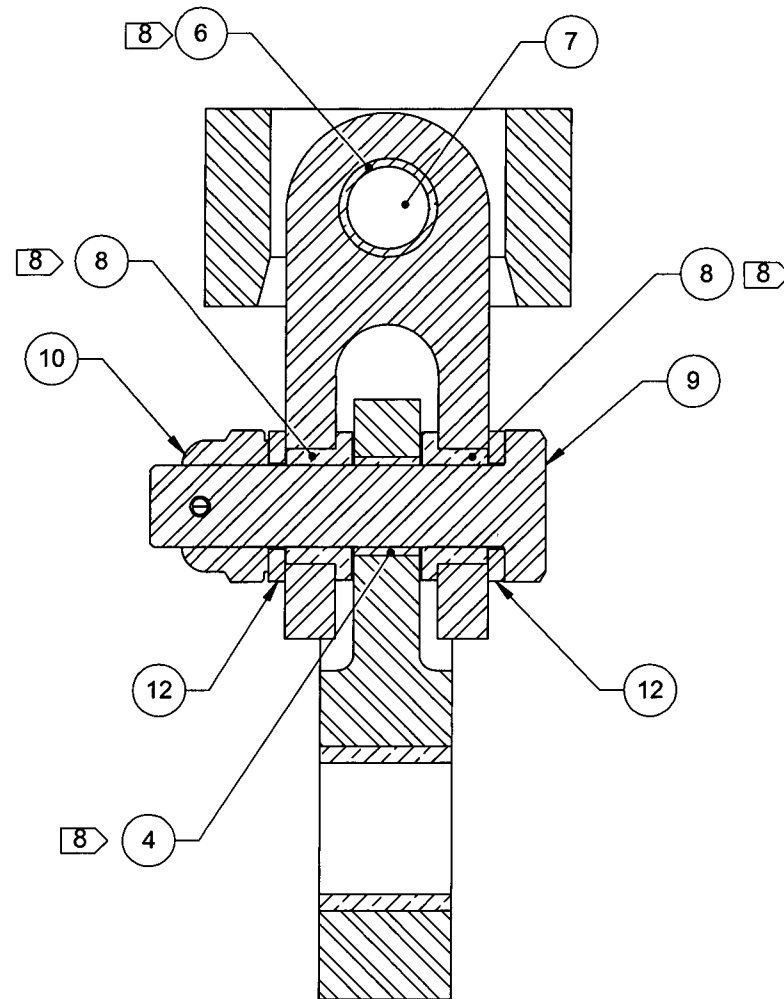
G	REVISED D5010-5 (ZN C4-5). REVISED DETAIL G (ZN B3-6). RE-ARRANGED DETAIL VIEWS IN SHEET 6 AND ADDED SHEET 7. REF NCR15-4575		AK	15.02.05
F	MULTIPLE DIMENSIONS UPDATED AND FEATURES ADDED FOLLOWING FIRST INSTALLATION. AN310C5 NUT WAS NASM310C5.		AJS	14.05.13
E	ADDED -7. ITEM 9 WAS 1/4" BOLT MULTIPLE DIMENSIONS UPDATED ACCORDINGLY. ITEM 8 WAS D5013-3.		AJS	14.04.23
D	MULTIPLE FEATURES UPDATED POST TESTING SEE PREVIOUS REVISION FOR DETAILS.		AJS	14.04.01
C	PARTS LIST: ITEM 5 WAS D5013-7, ADDED ITEM 7 ITEM 12 WAS NAS1351-6H33P. REASON: DRAFTING ERRORS.		AJS	14.03.13
B	SHT 1 PL NAS1351-6H33P WAS NAS1351-H339. REASON: DRAFTING ERROR.		AJS	14.02.20
A	NEW ISSUE		AJS	14.01.23
REV.	DESCRIPTION		BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	AK			
CHECKED	RF	DRAWING NO.		REV. G
MFG. APPR.	JLM	D5010		SHEET 1 OF 7
APPROVED	HS	TITLE		SCALE
DE APPR.	DS	HOOK INTERFACE ASSY		NTS
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ITEM	QTY	P/N	DESCRIPTION
	X	D5010-041	HOOK INTERFACE ASSY
1	1	D5010-1	CLEVIS BLOCK
2	1	D5010-3	PIVOT BLOCK
3	1	D5010-5	INTERFACE BLOCK
4	1	D5013-1	BUSHING
5	1	D5013-11	BUSHING
6	1	D5013-15	BUSHING
7	1	D5010-7	PIN
8	2	D5109-1	BUSHING
9	1	AN5C12	BOLT
10	1	AN310C5	NUT, CASTELLATED
11	1	MS24665-151	COTTER PIN
12	2	NAS1149C0563R	WASHER
13	2	NAS1149C0663R	WASHER
14	2	NAS1351-6H32P	SOCKET HEAD CAP SCREW
15	2	90473A215	HEX NUT, NON-LOCKING, ZINC PLATED CARBON STEEL, VENDOR: MCMASTER CARR



**D5010-041 HOOK INTERFACE ASSY**



**SECTION A-A** B5-2  
(ITEMS 13, 14 & 15 NOT SHOWN FOR CLARITY)

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: PER QSI 044 6.7
  - 7) WEIGHT: 1.03 lbs
  - 8) ALL BUSHING TO BE LIGHT PRESS FIT
  - 9) THREAD ITEM 15 TO THE BOTTOM OF THE THREAD ON 14 AS SHOWN. ITEM 15 MUST BE HANDTIGHT ONLY

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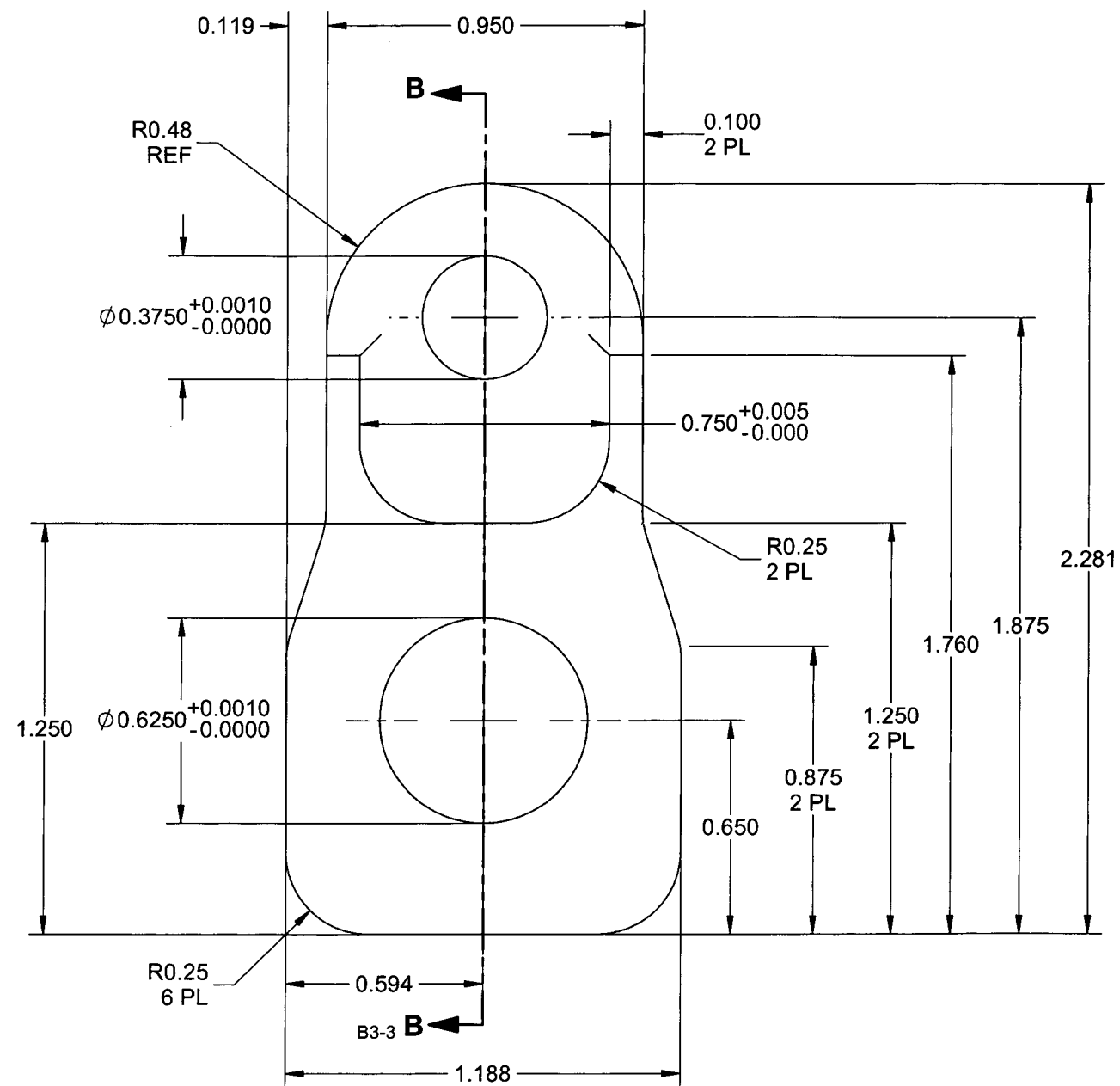
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	JLM	<b>D5010</b>	SHEET 2 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>HOOK INTERFACE ASSY</b>	NTS
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D

C

B

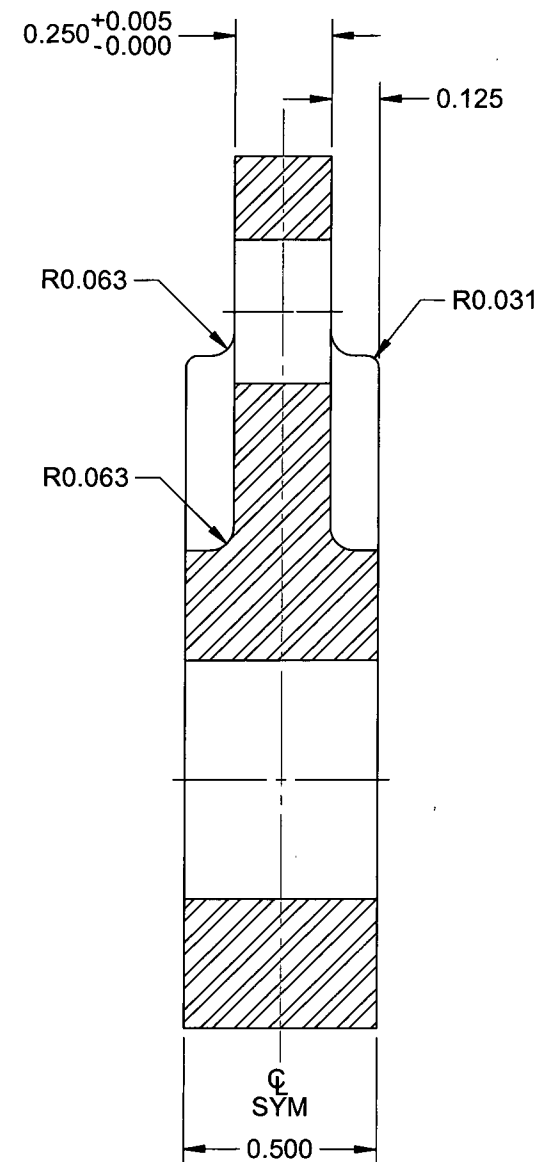
A



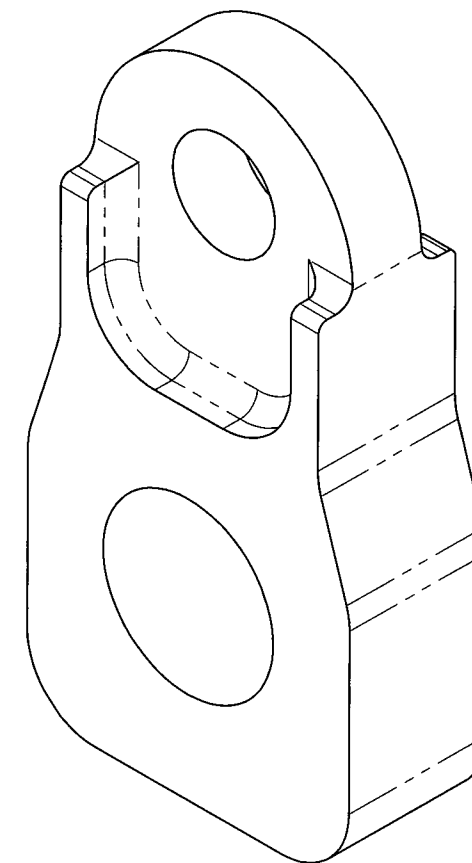
**D5010-1 CLEVIS BLOCK**

**NOTES:**

- 1) MATERIAL: 17-4 PH STAINLESS STEEL, H900 CONDITION  
MIN UTS = 170 KSI (38 HRC)  
PER AMS 5643 OR ASTM A564
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.7
- 7) WEIGHT: 0.22 lbs



**SECTION B-B** B7-3

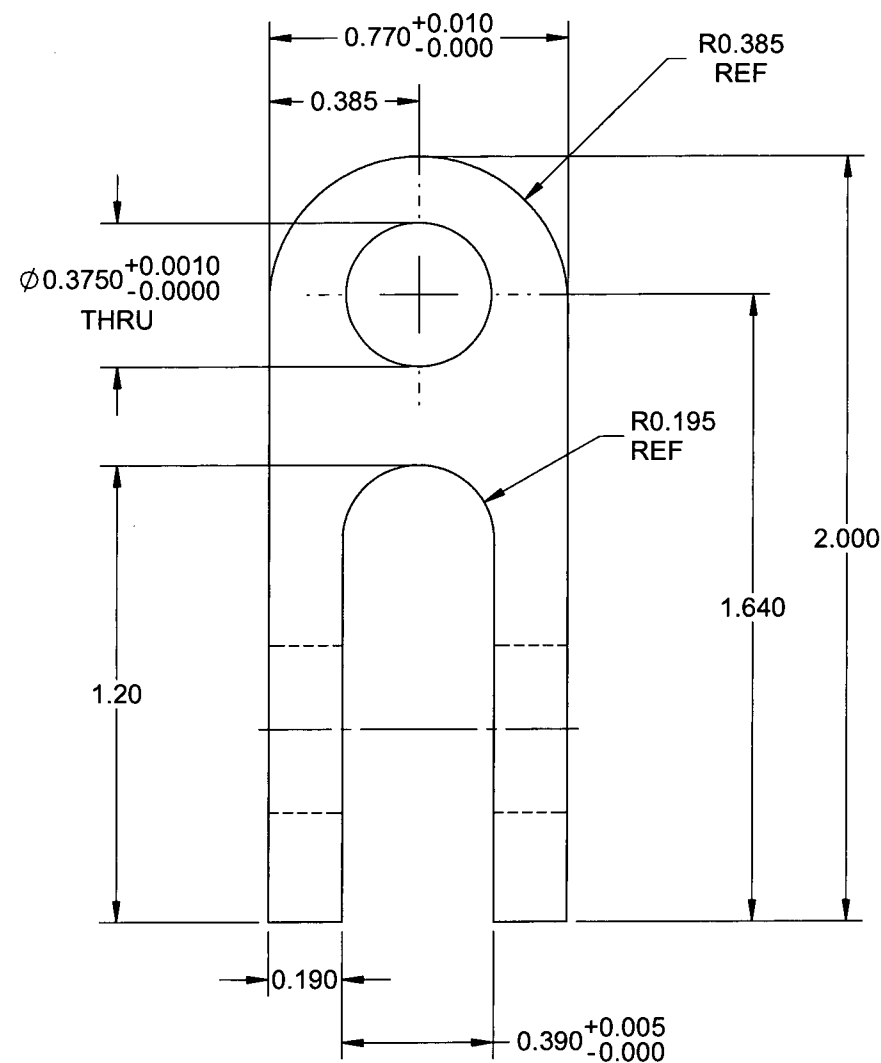


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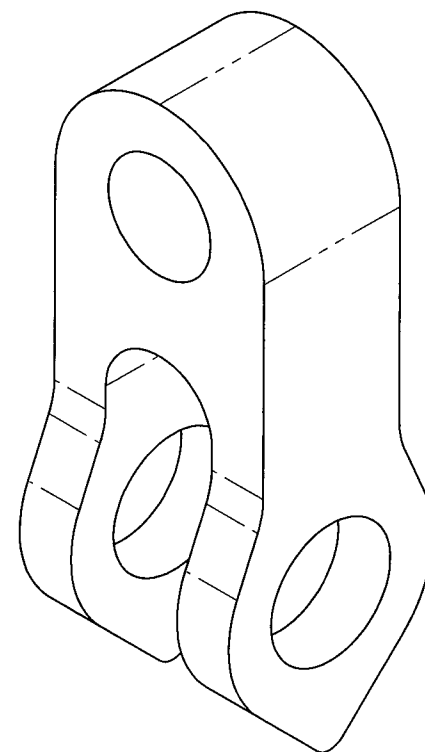
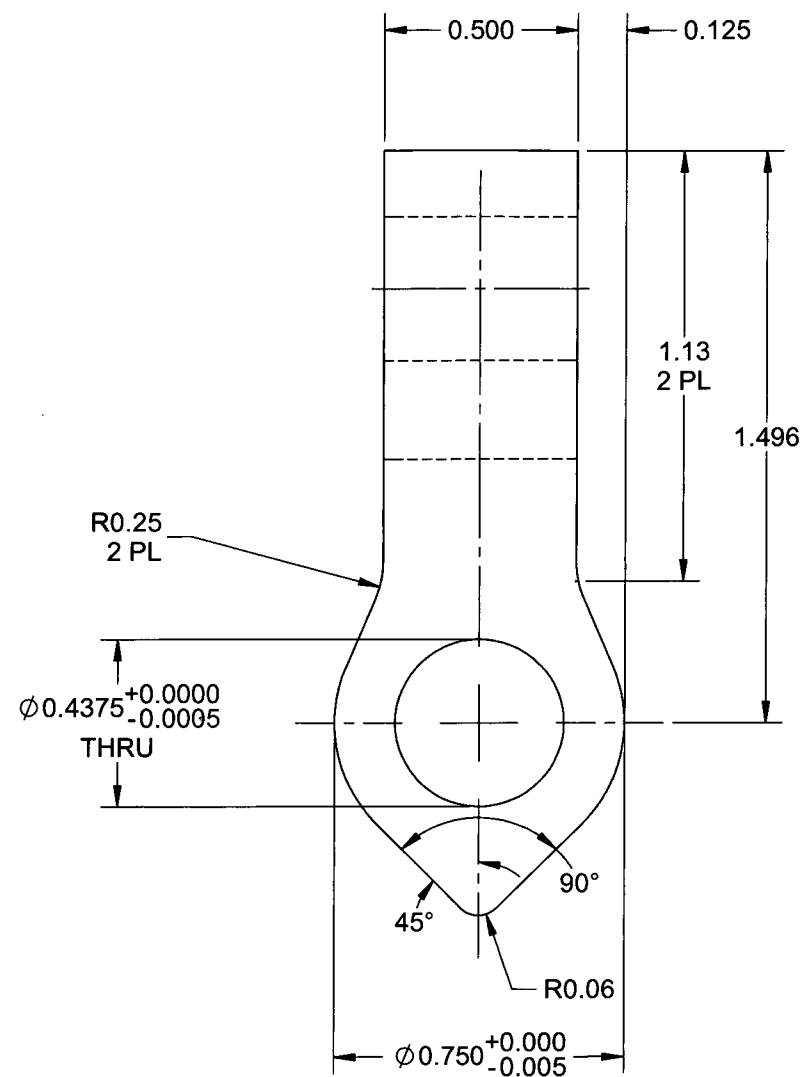
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DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	JLM	<b>D5010</b>	SHEET 3 OF 7
APPROVED	HS	TITLE	SCALE
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**D5010-3 PIVOT BLOCK**



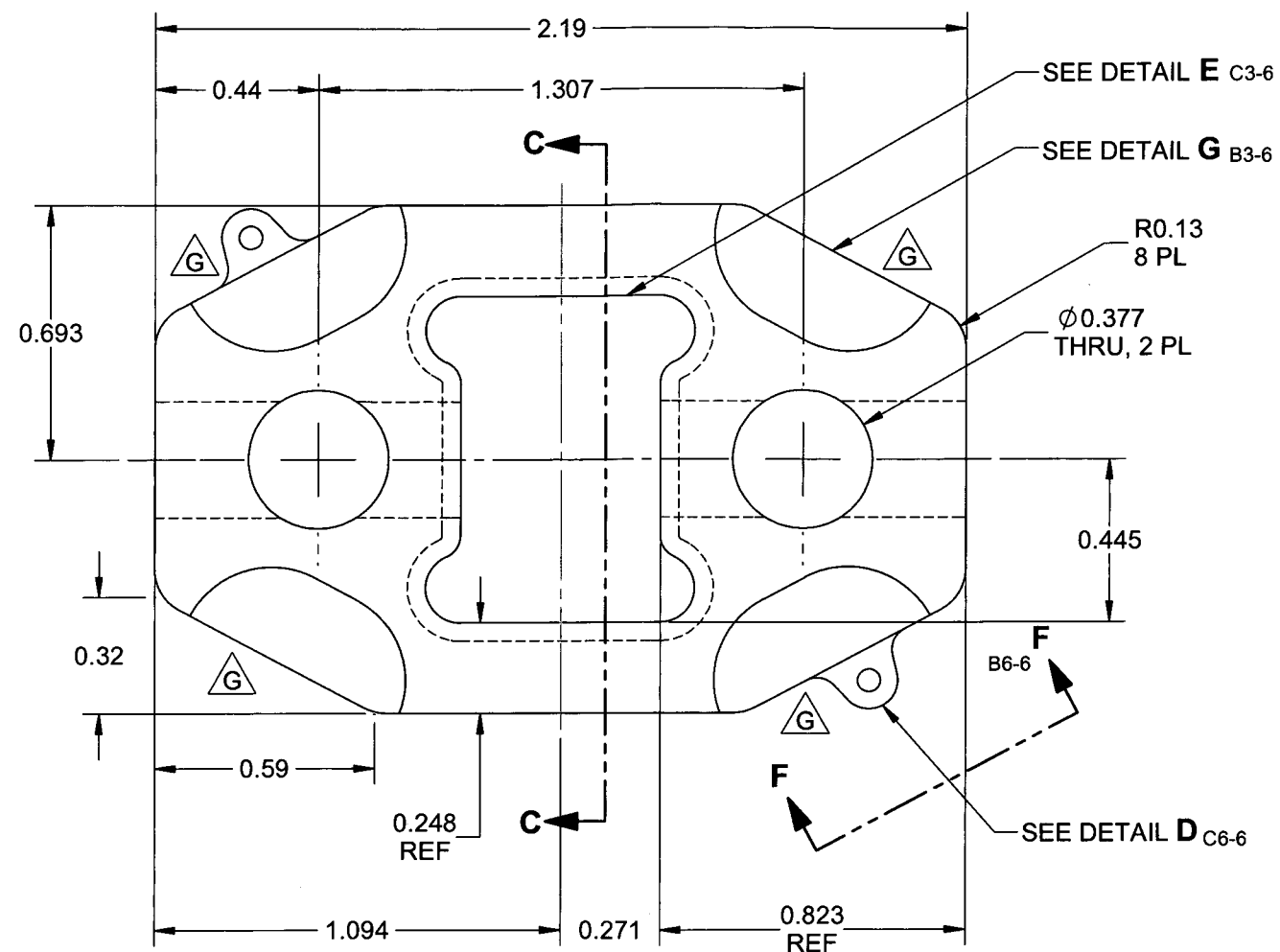
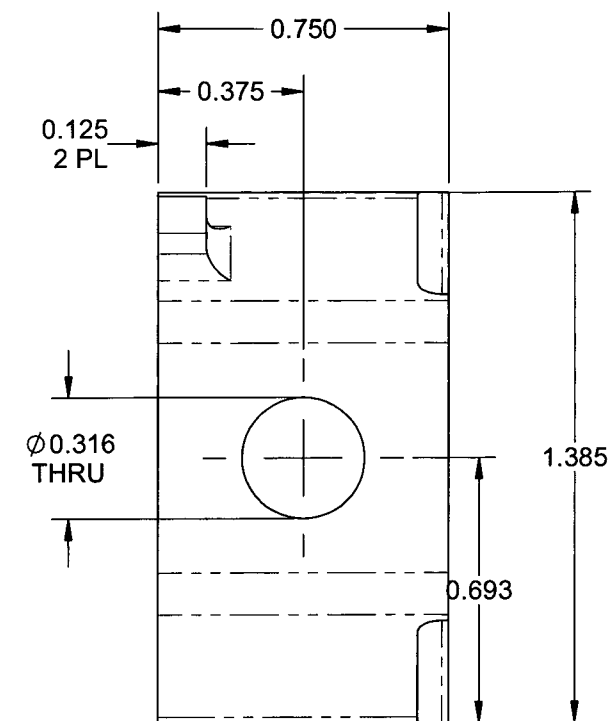
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**NOTES:**

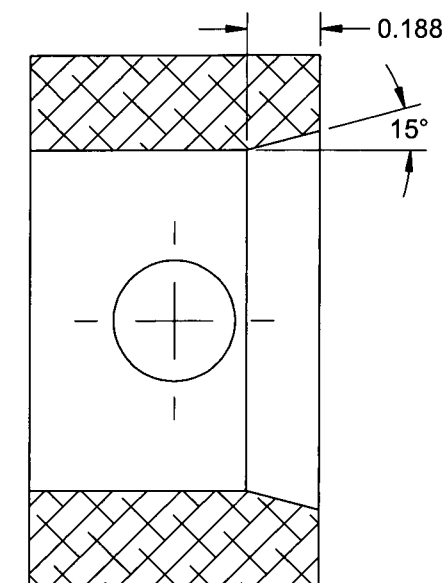
- 1) MATERIAL: 17-4 PH STAINLESS STEEL, H900 CONDITION  
MIN UTS = 170 KSI (38 HRC)  
PER AMS 5643 OR ASTM A564
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.7
- 7) WEIGHT: 0.12 lbs

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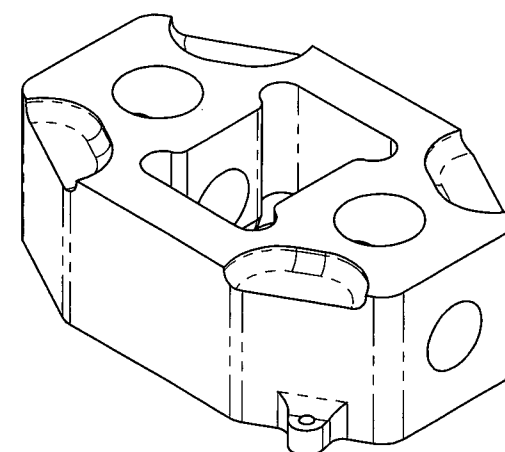
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DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	JLM	D5010	SHEET 4 OF 7
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**D5010-5 INTERFACE BLOCK**



**SECTION C-C**



**NOTES:**

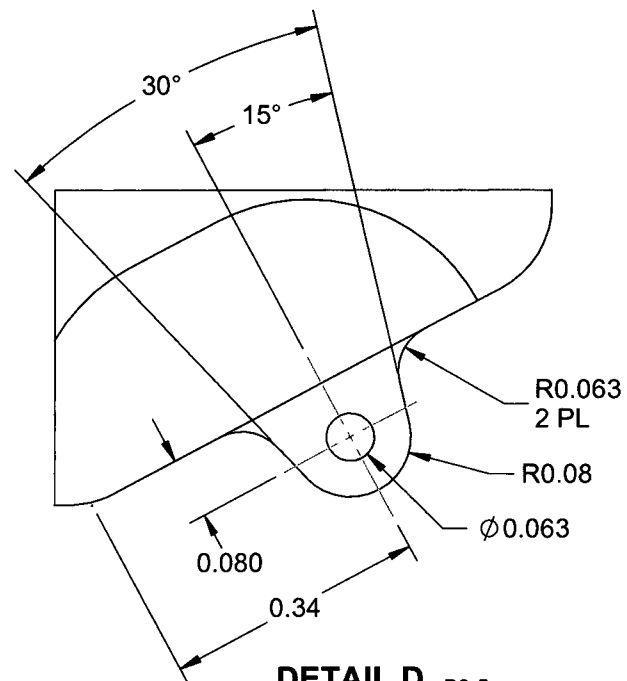
- 1) MATERIAL: 17-4 PH STAINLESS STEEL, H900 CONDITION  
MIN UTS = 170 KSI (38 HRC)  
PER AMS 5643 OR ASTM A564
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.7
- 7) WEIGHT: 0.37 lbs

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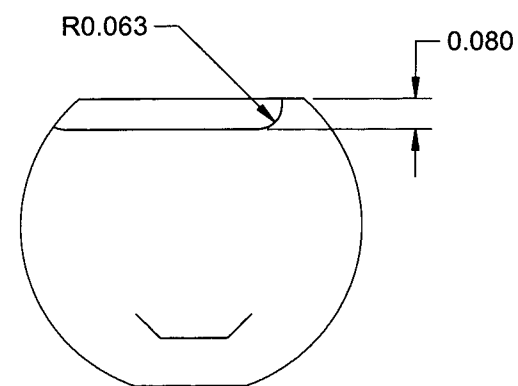
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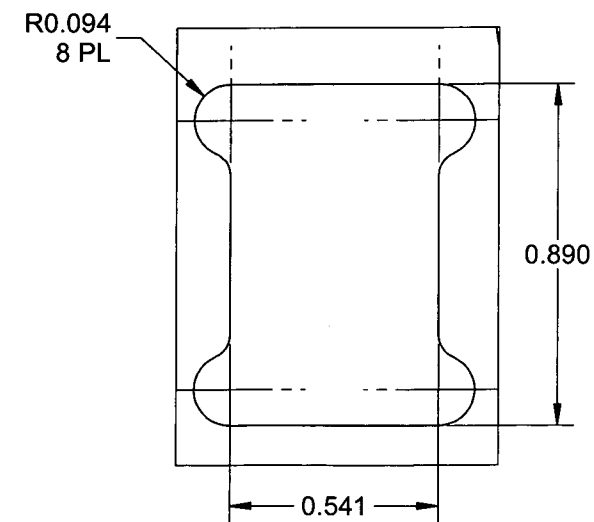
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	JLM	<b>D5010</b>	SHEET 5 OF 7
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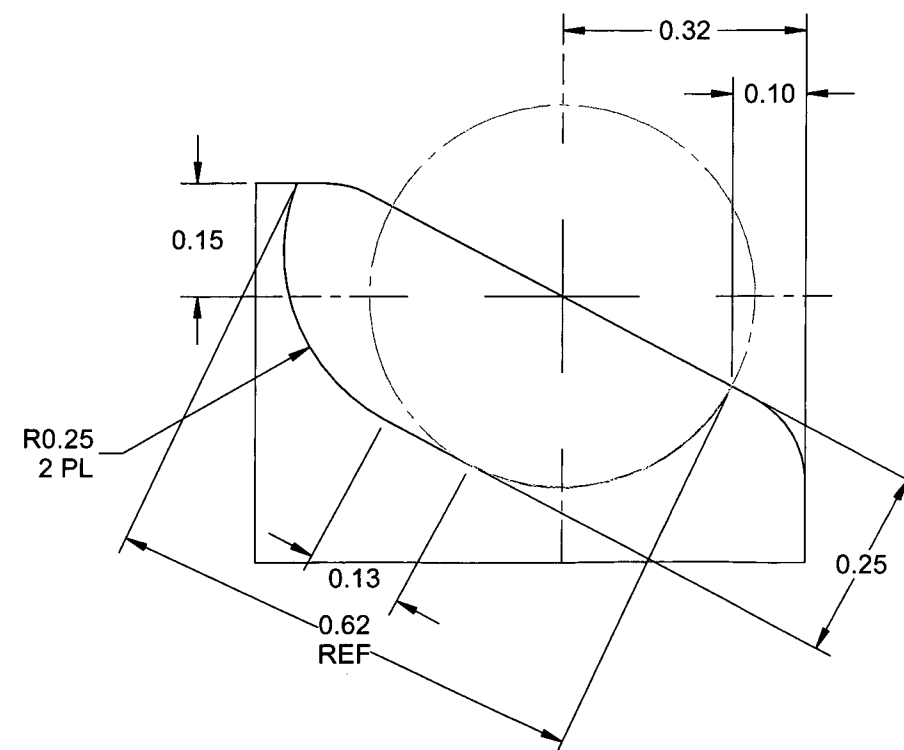
**DETAIL D** B3-5  
2 PL  
SCALE 2X



**VIEW F-F** C3-5  
4 PL



**DETAIL E** D3-5



**DETAIL G** D3-5  
4 PL

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CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	JLM	<b>D5010</b>	SHEET 6 OF 7
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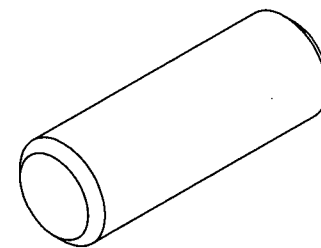
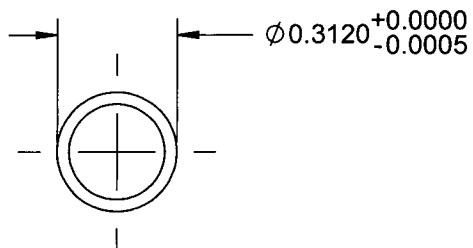
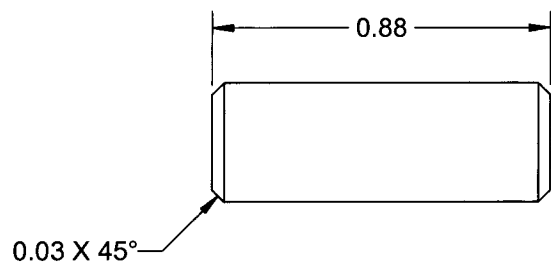
8 7 6 5 4 3 2 1

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D

C

C



**D5010-7 PIN**

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2015 FEB 23 *JP*

- NOTES:**  
1) MATERIAL: 17-4 PH STAINLESS STEEL, H900 CONDITION  
MIN UTS = 170 KSI (38 HRc)  
PER AMS 5643 OR ASTM A564  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: PER QSI 044 6.7  
7) WEIGHT: 0.02 lbs

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DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. G
MFG. APPR.	JLM	<b>D5010</b>	SHEET 7 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS <i>JP</i>	<b>HOOK INTERFACE ASSY</b>	NTS
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8 7 6 5 4 3 2 1

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